

MILITARY SPECIFICATION
 CAPACITORS, FIXED, MICA DIELECTRIC,
 GENERAL SPECIFICATION FOR

This amendment forms a part of Military Specification MIL-C-5E, dated 27 May 1975, and is approved for use by all Departments and Agencies of the Department of Defense.

- TABLE I, add the following:

Symbol	Temperature coefficient	Capacitance drift
H - - - - -	-500 to +500	Not specified

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- TABLE X: Add footnote "1/" following barometric pressure and following temperature coefficient and capacitance drift. Add footnote "2/" following low temperature storage and life (performance check). At end of table add: "1/ Not for style CM14. 2/ Terminate at 250 hours for style CM14."
- 4.5.4.2 at the end of the sentence add: "Style CM14 may be delivered."

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- TABLE XI, subgroup II, add the following:

"Barometric pressure <u>3/</u>	3.6	4.6.3
Temperature coefficient and capacitance drift <u>3/</u>	3.17	4.7.14.2 to 4.6.14.2.2 incl"

- TABLE XI, Subgroup III, after "2/" add "4/".
- TABLE XI, at end of table add: "3/ For style CM14 only.
4/ Style CM14 2000 hour test."

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- 4.6.5, second sentence, delete and substitute:

"Measurement accuracy for direct reading methods shall be within ± 2 percent of the readout or ± 0.0005 dissipation factor, whichever is greater. If obtaining dissipation factor measurements by an indirect method, an analysis should be made to show that the calculated value is within the specified limits when considering the worst case error stated by the measurement accuracy of the measurement instrument."

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- 4.6.14.1, last two sentences, delete and substitute:

"The measurement at each temperature shall be recorded when two successive readings taken at 5 minute intervals are within $\pm (0.025$ percent of nominal capacitance ± 0.05 pF) of each other. The second reading is then taken as the capacitance at the specified test temperature."

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AMENDMENT 2

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* TABLE XIV, qualification group A: Delete "CM14"; qualification group D, add "CM14"; group D, under number of specimens and type designation add the following:

"12	CM14HH103J03
12	CM14HP224J03"

NOTE: The margins of this amendment are marked with asterisks to indicate where changes from the previous amendment were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations and relationship to the last previous amendment.

Custodians:

Army - ER
Navy - EC
Air Force - 85

Preparing activity:
Air Force - 85

(Project 5910-1434-1)

Review activities:

Navy - AS, OS
Air Force - 11, 17, 99
DLA - ES

User activities:

Army - ME
Navy - MC, CG
Air Force - 19